

|                         |                                                   |                                                    |                     |          |                     |          |          |                         |                                                  | -                                                |                                                  |              |                                                  | _          |
|-------------------------|---------------------------------------------------|----------------------------------------------------|---------------------|----------|---------------------|----------|----------|-------------------------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|--------------|--------------------------------------------------|------------|
|                         |                                                   |                                                    |                     | CLAIMS   |                     |          |          | *                       |                                                  |                                                  |                                                  |              |                                                  |            |
|                         | AS FILED                                          |                                                    | AFTER 1st AMENDMENT |          | AFTER 2nd AMENDMENT |          |          |                         | *                                                | *                                                |                                                  | -            | *                                                |            |
|                         | IND.                                              | DEP.                                               | IND.                | DEP.     | IND.                | DEP.     | 1 1      |                         | IND.                                             | DEP.                                             | IND.                                             | DEP.         | IND.                                             | DEP.       |
| 1                       |                                                   |                                                    |                     |          |                     |          | 1 [      | 51                      |                                                  | 7                                                |                                                  |              |                                                  |            |
| 2                       |                                                   |                                                    |                     |          |                     |          | ] [      | 52                      |                                                  |                                                  |                                                  |              |                                                  |            |
| 3                       |                                                   | L/                                                 |                     | <u> </u> |                     |          | ] [      | 53                      |                                                  | Ì                                                |                                                  |              |                                                  |            |
| 4                       | <u> </u>                                          | 1.7.                                               |                     |          |                     |          | ] ]      | 54                      |                                                  |                                                  |                                                  |              |                                                  |            |
| 5                       | <u> </u>                                          | 1                                                  | ļ                   |          |                     |          | ] [      | 55                      |                                                  |                                                  |                                                  |              |                                                  |            |
| 6                       |                                                   | ļ                                                  |                     |          |                     |          | ļ ļ      | 56                      |                                                  |                                                  |                                                  |              |                                                  |            |
| 7                       | ļ                                                 | ļ <i>!,</i>                                        |                     |          |                     |          |          | 57                      |                                                  | 1                                                |                                                  |              |                                                  |            |
| 8                       | ļ                                                 | /                                                  | ļ                   |          |                     |          | <b>!</b> | 58                      |                                                  | <u> </u>                                         | <u> </u>                                         |              | ļ                                                |            |
| 9                       | <b> </b>                                          | <i></i>  ,                                         | <b></b>             |          |                     |          |          | 59                      | <b> </b>                                         | <del></del>                                      |                                                  |              |                                                  |            |
| 10                      | <u> </u>                                          | <del>                                     </del>   |                     | <u> </u> |                     | <u> </u> | <b>∤</b> | 60                      |                                                  | 4                                                |                                                  |              | <b> </b>                                         |            |
| 11                      | ├                                                 | <del>                                     </del>   |                     |          |                     | ļ        | }        | 61                      |                                                  | <del>                                     </del> |                                                  |              |                                                  |            |
| 12                      | <del> </del>                                      | <del>                                     </del>   |                     |          |                     |          | -        | 62                      |                                                  | <i>\</i> ,                                       |                                                  |              |                                                  | <u> </u>   |
| 13                      | <del>                                     </del>  |                                                    |                     | -        |                     |          | 1 }      | 63<br>64                | <del></del>                                      | /                                                |                                                  |              |                                                  |            |
| 15                      | <del>  ,                                   </del> |                                                    |                     | -        |                     |          | <b>!</b> | 65                      | <b> -</b> /-                                     | ,                                                | <del> </del>                                     |              |                                                  |            |
| 16                      | -1                                                | 1                                                  |                     |          |                     |          | <b>!</b> | 66                      | -                                                | <del></del>                                      | -                                                |              |                                                  |            |
| 17                      |                                                   | <i> </i> '                                         |                     |          |                     | -        | -        | 67                      | <del>                                     </del> |                                                  | <del>                                     </del> | -            |                                                  | <b> </b> - |
| 18                      | 1                                                 | <del>                                     </del>   |                     |          |                     | 1        | 1 }      | 68                      |                                                  | 1                                                | <b> </b>                                         | <del> </del> | <del>                                     </del> |            |
| 19                      |                                                   | <i>'</i>                                           |                     |          |                     |          | 1        | 69                      | <del> </del>                                     | /                                                |                                                  |              |                                                  | ļ          |
| 20                      |                                                   | 1                                                  |                     |          |                     |          | 1        | 70                      |                                                  | /                                                |                                                  |              |                                                  |            |
| 21                      |                                                   | 1                                                  |                     |          |                     |          | 1        | 71                      |                                                  | 7                                                |                                                  |              |                                                  |            |
| 22                      |                                                   | 7                                                  |                     |          |                     |          | i t      | 72                      |                                                  | 1                                                |                                                  |              |                                                  |            |
| 23                      |                                                   | 7                                                  |                     |          |                     |          |          | 73                      | Î                                                |                                                  |                                                  |              |                                                  |            |
| 24                      |                                                   | 7.                                                 |                     |          |                     |          |          | 74                      | ,                                                | $\mathcal{I}$                                    |                                                  |              |                                                  |            |
| 25                      |                                                   |                                                    |                     |          |                     |          | l        | 75                      |                                                  | 7                                                |                                                  |              |                                                  |            |
| 26                      |                                                   |                                                    |                     |          |                     |          |          | 76                      |                                                  |                                                  |                                                  |              |                                                  |            |
| 27                      |                                                   | 1                                                  |                     |          |                     |          |          | 77                      |                                                  |                                                  |                                                  |              |                                                  |            |
| 28                      | <u> </u>                                          |                                                    |                     |          |                     |          |          | 78                      |                                                  | 1                                                |                                                  | _            |                                                  |            |
| 29                      |                                                   | ļ,                                                 | <u></u>             |          |                     |          |          | 79                      |                                                  |                                                  |                                                  |              |                                                  |            |
| 30                      | ļ                                                 |                                                    |                     |          |                     |          |          | 80                      |                                                  |                                                  |                                                  |              |                                                  |            |
| 31                      |                                                   | <u> </u>                                           | _                   |          |                     |          |          | 81                      |                                                  |                                                  |                                                  |              |                                                  |            |
| 32                      |                                                   | <b> </b> ,                                         |                     |          |                     |          |          | 82                      |                                                  | -                                                |                                                  |              |                                                  |            |
| 33                      |                                                   | 1                                                  |                     |          |                     |          |          | 83                      |                                                  | 4,                                               |                                                  |              |                                                  |            |
|                         | <b>—</b>                                          | /                                                  |                     |          |                     |          | -        | 84                      |                                                  | -4-                                              |                                                  |              |                                                  |            |
| 35                      | <b></b>                                           |                                                    |                     |          |                     |          | -        | 85                      |                                                  | -/,                                              | -                                                | ļ <u> </u>   |                                                  |            |
| 37                      |                                                   | <del>  /                                   </del>  |                     |          |                     |          | -        | 86<br>87                | -                                                | $\dashv$                                         |                                                  |              |                                                  | -          |
| 38                      |                                                   | <del>  '/                                   </del> | _                   |          |                     |          | -        | 88                      |                                                  | 7                                                |                                                  |              |                                                  |            |
| 39                      | 7                                                 |                                                    |                     |          |                     |          |          | 89                      |                                                  | <del>                                     </del> |                                                  | <u> </u>     | -                                                |            |
| 40                      |                                                   |                                                    |                     |          | <u> </u>            |          |          | 90                      |                                                  | 7-                                               |                                                  |              |                                                  |            |
| 41                      | <b> </b>                                          | 1                                                  |                     |          |                     |          | <b> </b> | 91                      |                                                  | <del>'/</del>                                    |                                                  |              |                                                  |            |
| 42                      | 1                                                 |                                                    |                     |          |                     |          |          | 92                      |                                                  | 7                                                | <del>                                     </del> |              |                                                  |            |
| 43                      | 7                                                 |                                                    |                     |          |                     |          |          | 93                      |                                                  | <del>                                     </del> |                                                  |              |                                                  |            |
| 44                      |                                                   | 1                                                  |                     |          |                     |          | i t      | 94                      | 7                                                |                                                  |                                                  |              |                                                  |            |
| 45                      |                                                   | 7                                                  |                     |          |                     |          |          | 95                      | *                                                | J                                                |                                                  |              |                                                  |            |
| 46                      |                                                   | 7                                                  |                     |          |                     |          |          | 96                      |                                                  | 1                                                |                                                  |              |                                                  |            |
| 47                      |                                                   |                                                    |                     |          |                     |          |          | 97                      | 1                                                |                                                  | ···                                              |              |                                                  |            |
| 48                      |                                                   |                                                    |                     |          |                     |          |          | 98                      | 1                                                |                                                  |                                                  |              |                                                  |            |
| 49                      |                                                   | 7                                                  |                     |          |                     |          |          | 99                      | •                                                | T                                                |                                                  |              | -                                                |            |
| 50                      |                                                   | $oxed{T}$                                          |                     |          |                     |          |          | 100                     |                                                  | $\mathcal{I}$                                    |                                                  |              |                                                  |            |
| TOTAL IND.              |                                                   | 1                                                  |                     |          |                     | 1        | . [      | TOTAL IND.              | 13                                               | 1                                                |                                                  |              |                                                  |            |
| TOTAL                   | 20                                                | <b>-</b>                                           |                     | 4        |                     | -        | <u> </u> | TOTAL                   | 37                                               | <b>–</b>                                         |                                                  | <b>—</b> 1   |                                                  | <b>—</b> 1 |
| DEP.<br>TOTAL<br>CLAIMS | 21                                                |                                                    |                     |          |                     |          |          | DEP.<br>TOTAL<br>CLAIMS | 50                                               |                                                  |                                                  |              | <del>- 1</del>                                   |            |
| CLAIMS                  | 50                                                | <u> </u>                                           |                     |          |                     |          | L        | CLAIMS                  | -70                                              |                                                  |                                                  |              |                                                  |            |
| i                       |                                                   |                                                    |                     |          |                     |          |          |                         |                                                  |                                                  |                                                  |              |                                                  |            |

\* MAY BE USED FOR ADDITIONAL CLAIMS OR ADMENDMENTS

U.S.DEPARTMENT OF COMMERCE Patent and Trademark Office

## **CLAIMS ONLY**

12

SERIAL NO.

ON 928294

APPLICANT(S)

FILING DATE

CLAIMS

|             | AS          | FILED      |                                        | TER<br>NDMENT | AFTER 2nd AMENDMENT                   |          |  |
|-------------|-------------|------------|----------------------------------------|---------------|---------------------------------------|----------|--|
|             | IND.        | DEP.       | IND.                                   | DEP.          | IND.                                  | DEP.     |  |
| 101         |             | $\Gamma T$ |                                        |               |                                       |          |  |
| 102         | 1           |            |                                        |               |                                       |          |  |
| 103         |             | 1          |                                        |               |                                       |          |  |
| 104         |             |            | 1                                      |               |                                       | <u> </u> |  |
| 105         |             |            |                                        |               |                                       |          |  |
| <i>()</i> 6 |             |            |                                        |               |                                       |          |  |
| 107         |             | 1          |                                        |               |                                       |          |  |
| 108         |             | 17         |                                        |               |                                       |          |  |
| 109         |             | ./         |                                        |               |                                       |          |  |
| 10          |             |            |                                        |               |                                       |          |  |
| /11         |             | 1          |                                        |               |                                       |          |  |
| 12          |             |            |                                        |               |                                       |          |  |
| /13         |             |            |                                        | İ             |                                       |          |  |
| 114         |             | 1          |                                        |               |                                       |          |  |
| 115         |             | 1 7        |                                        |               |                                       |          |  |
| 116         |             |            |                                        |               |                                       |          |  |
| 117         | 1'          |            |                                        |               |                                       |          |  |
| (18         | <del></del> | 1          | <u> </u>                               |               |                                       |          |  |
| 119         |             | 7          |                                        |               |                                       |          |  |
| 20          |             | 7          |                                        |               |                                       |          |  |
| 21          |             | 1          |                                        |               |                                       |          |  |
| 122         |             | <b>-</b>   |                                        |               |                                       |          |  |
| 123         | <b>-</b>    | 7          | <u> </u>                               |               |                                       |          |  |
| 124         |             | 7          |                                        |               |                                       |          |  |
| 25          |             | ,          |                                        |               |                                       |          |  |
| 126         | <b></b>     |            |                                        |               |                                       |          |  |
| 127         |             |            |                                        |               |                                       |          |  |
| 28          |             | 7          |                                        |               |                                       |          |  |
| 129         | 7           |            |                                        |               |                                       |          |  |
| 130         |             | 7          |                                        |               |                                       |          |  |
| /31         | 7           |            |                                        |               |                                       |          |  |
| 32          |             | 7          |                                        |               |                                       |          |  |
| 33          |             | 1          |                                        |               |                                       |          |  |
| 34          | 1           |            |                                        |               |                                       |          |  |
| /35         |             | 7          |                                        |               |                                       |          |  |
| 36          |             | 7          |                                        |               |                                       | •••      |  |
| 137         | 7           |            |                                        |               |                                       |          |  |
| 38          |             | ./         |                                        |               |                                       | _        |  |
| <b> 39</b>  |             |            |                                        |               |                                       |          |  |
| 140         |             | •          |                                        |               |                                       |          |  |
| <b> 41</b>  |             |            |                                        |               |                                       |          |  |
| 42          |             |            |                                        |               |                                       |          |  |
| 143         |             |            |                                        |               |                                       |          |  |
| 44          |             |            |                                        |               |                                       |          |  |
| 45          |             |            |                                        |               |                                       |          |  |
| 46          |             |            |                                        |               |                                       |          |  |
| 47          |             |            |                                        |               | · · · · · · · · · · · · · · · · · · · |          |  |
| 48          |             |            |                                        |               |                                       |          |  |
| 49          |             |            |                                        |               |                                       |          |  |
| 50          |             |            |                                        | 1             |                                       |          |  |
| TOTAL       | 15          |            |                                        | ,             |                                       | _        |  |
| IND.        | 7           | _*         | لـــــــــــــــــــــــــــــــــــــ | -             |                                       | _        |  |
| DEP.        | #1 T A      |            |                                        |               |                                       |          |  |

| IS         |               |              |                |                |         |          |      |  |  |  |
|------------|---------------|--------------|----------------|----------------|---------|----------|------|--|--|--|
|            |               | *            |                | *              |         | *        |      |  |  |  |
| Ĺ          |               | IND.         | DEP.           | IND.           | DEP.    | IND.     | DEP. |  |  |  |
| L          | 51            |              |                |                |         |          |      |  |  |  |
| L          | 52            |              |                |                |         |          |      |  |  |  |
| L          | 53            |              |                |                |         |          |      |  |  |  |
|            | 54            | -            |                |                |         |          |      |  |  |  |
| Г          | 55            |              |                |                |         |          |      |  |  |  |
| Γ          | 56            |              |                |                |         |          |      |  |  |  |
| Г          | 57            |              |                |                |         |          |      |  |  |  |
|            | 58            |              |                |                |         |          |      |  |  |  |
| Г          | 59            |              |                |                |         |          |      |  |  |  |
| Г          | 60            |              |                |                |         |          |      |  |  |  |
| Г          | 61            |              |                |                |         |          |      |  |  |  |
|            | 62            |              |                |                |         |          |      |  |  |  |
|            | 63            |              |                |                |         | <u> </u> |      |  |  |  |
| Γ          | 64            |              |                | <b>i</b>       |         |          |      |  |  |  |
| Г          | .65           |              |                | <u> </u>       |         |          |      |  |  |  |
|            | 66            |              |                |                |         |          |      |  |  |  |
| Г          | 67            |              |                | 1              |         | <b>-</b> |      |  |  |  |
| Г          | 68            |              |                |                |         |          |      |  |  |  |
| F          | 69            |              |                | <del> </del>   |         |          |      |  |  |  |
| 上          | 70            |              |                | 1              | -       |          |      |  |  |  |
|            | 71            |              |                | · · · · ·      |         |          |      |  |  |  |
| <b> </b>   | 72            | <del> </del> | <del></del>    |                |         |          |      |  |  |  |
| H          | 73            |              |                |                |         |          |      |  |  |  |
| H          | 74            |              |                |                | -       |          |      |  |  |  |
| ┢          | 75            | <u> </u>     | <del> </del> - | †              |         |          |      |  |  |  |
| H          | 76            | <del>-</del> | -              |                |         |          |      |  |  |  |
| H          | 77            |              | -              |                |         |          |      |  |  |  |
| ┢          | 78            | _            |                | <del></del>    |         |          |      |  |  |  |
| $\vdash$   | 79            |              |                | <b> </b>       |         |          |      |  |  |  |
| -          | 80            |              |                | -              |         |          |      |  |  |  |
| ┢          | 81            |              |                |                |         |          |      |  |  |  |
| $\vdash$   | 82            |              |                |                |         |          |      |  |  |  |
| $\vdash$   | 83            |              | <del></del>    |                |         |          |      |  |  |  |
| $\vdash$   | 84            |              | l              |                |         |          |      |  |  |  |
| ┢          | 85            |              |                |                |         |          |      |  |  |  |
| $\vdash$   | 86            |              |                | _              |         |          |      |  |  |  |
| $\vdash$   | 87            |              |                | -              |         |          |      |  |  |  |
| $\vdash$   | 88            | _            |                |                | ,       | -        |      |  |  |  |
| -          | 89            | -            |                | <del>  </del>  |         |          |      |  |  |  |
| -          | 90            |              |                | <del></del>    |         |          |      |  |  |  |
| $\vdash$   | 91            |              |                | <del>  -</del> |         |          |      |  |  |  |
| $\vdash$   | 92            |              |                |                |         |          |      |  |  |  |
| $\vdash$   | 93            |              |                |                |         |          |      |  |  |  |
| $\vdash$   | 94            |              |                |                |         |          |      |  |  |  |
| -          | 95            | <del></del>  |                | <b>-</b>       |         |          |      |  |  |  |
| $\vdash$   | 96            | _            |                |                |         |          |      |  |  |  |
| $\vdash$   | 97            |              |                |                |         |          |      |  |  |  |
| $\vdash$   | 98            |              |                | <u> </u>       |         |          |      |  |  |  |
| $\vdash$   | 99            |              |                |                |         |          |      |  |  |  |
| $\vdash$   |               |              |                | ļ. <u></u>     |         |          |      |  |  |  |
| <b> </b> - | 100<br>OTAL   | -            | -              |                |         |          |      |  |  |  |
| L          | IND.          | 39           | 1              |                |         |          |      |  |  |  |
|            | OTAL<br>DEP.  | 105          | _              |                | _       |          | -    |  |  |  |
| Č          | OTAL<br>LAIMS | 144          | ·              |                |         |          |      |  |  |  |
|            |               | <u></u>      |                |                | انسنسسا |          |      |  |  |  |

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